

# Memorandum



**Date:** July 12, 2016

**To:** Gary Hartfield, Division Director  
Internal Services Department, Small Business Development

**From:** Milton L. Collins, Associate Director *MLC*  
Miami-Dade Aviation Department, Minority Affairs Division

**Subject:** Recommendation of Contract Measures  
Baggage Handling Systems Services  
ISD Project No. E16-MDAD-02(R)

## RECOMMENDATION:

This is a re-submittal request for the Small Business Development (SBD) to approve the subject project in order for the Department to proceed with the approval for the **Baggage Handling Systems Services, Project No. E16-MDAD-02**. The Minority Affairs Division and the User Division Staff have evaluated the subject project and recommends a **10% SBE-A/E Program Goal**.

**Due to the highly specialized nature of the scope of services for this project, which entails creating reports and evaluating solutions, MDAD is recommending a zero percent (0%) SBE-Goods & Services Goal as said services are not conducive to such.** Attached is MDADs Service Description Breakdown and Contract Measures Analysis Worksheet findings and other supporting documents.

The term of the Agreement will be for five (5) years and the Contract Estimated Amount is **\$5,000,000.00**.

## PROJECT DESCRIPTION:

The project involves design and evaluation of new and existing baggage handling systems at South, Central and North Terminals including replacement, repair and modifications of existing equipment, utilities, programming, connections to existing systems, TSA and functional testing. It is preferred that the prime consultant have a cumulative (5) years experience within the last (20) years designing and modifying baggage systems at large hub US airports or airports with similar baggage handling systems as those existing at MIA. The selected prime awarded a Professional Services Agreement under ISD Project No. A16-MDAD-02: Terminal Optimization Program (TOP) Project Support Services will be precluded from participating on this project.

Please advise our office if additional information is needed in order to complete this process.

## Attachments

cc: L. Johnson, SBD  
E. Etienne, SBD  
P. Hernandez, MDAD  
E. Beltre, MDAD  
M. Clark-Vincent, MDAD  
A. Cordova-Jimenez, MDAD  
C. Corrales, MDAD  
File

**REVISED MDAD's CONTRACT MEASURES AND ANALYSIS WORKSHEET**

**To:** Gary Hartfield, Division Director  
Internal Services Department, Small Business Development

**From:** Milton L. Collins, Associate Director   
Miami-Dade Aviation Department  
Minority Affairs Division

**PROJECT/CONTRACT TITLE:** Baggage Handling Systems Services  
**PROJECT/CONTRACT NUMBER:** E16-MDAD-02(R)  
**DEPARTMENT:** Miami Dade Aviation Department  
**ESTIMATED PROJECT COST:** \$5,000,000.00  
**FUNDING SOURCE:** EA502 Funds

**DESCRIPTION OF PROJECT/BID:**

The project involves design and evaluation of new and existing baggage handling systems at South, Central and North Terminals including replacement, repair and modifications of existing equipment, utilities, programming, connections to existing systems, TSA and functional testing. It is preferred that the prime consultant have a cumulative (5) years' experience within the last (20) years designing and modifying baggage systems at large hub US airports with similar baggage handling systems as those existing at MIA. The selected prime awarded a Professional Services Agreement under ISD Project No. A16-MDAD-02: Terminal Optimization Program (TOP) Project Support Services will be precluded from participating on this project.

**CONTRACT MEASURES RECOMMENDATION:**

**Measures:** SBE-A/E – 10%

**REASONS FOR RECOMMENDATION:**

**Analysis of the factors contained in Implementing Order #3-32 indicates that an SBE-Architectural & Engineering Program Goal is appropriate for this contract.**

**MDAD Recommendation:**  
**Small Business Enterprise (SBE)**  
**Goods & Services (G&S) Goal**

**Project Number:** E16-MDAD-02

**Project Title:** Baggage Handling Systems Services

**Recommended  
SBE-G&S Category:** N/A

**SBE-G&S  
Recommendation:** Due to the highly specialized nature of the scope of services for this project, which entails creating reports and evaluating solutions, MDAD is recommending a zero percent (0%) SBE-G&S goal as said services are not conducive to such.

**SBE-G&S Breakdown Recommendation**

- (\*) **No. of PSA's:** One
  
- (\*) **PSA Base Estimate:** \$5,000,000 (Basic/Primary Services)
  
- (\*) **SBE-A&E Goal:** A 10% SBE-A&E goal is being recommended for this project.



MIAMI-DADE COUNTY, FLORIDA

MDAD CONTRACTS ADMINISTRATION

	APPROVAL	PRINT NAME	DATE
MDAD Project Manager			
MDAD Division Chief		Aida Bao-Garciga	3-14-16
MDAD Division Director			
MDAD Assistant Director		Pedro F. Hernandez	3/15/16

CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
1.00	TRANSPORTATION PLANNING			
	1.01 URBAN AREA AND REGIONAL TRANSPORTATION PLANNING			
	1.02 MASS AND RAPID TRANSIT PLANNING			
	1.03 AVIATION SYSTEMS AND AIRPORT MASTER PLANNING			
	1.04 PORT AND WATERWAY SYSTEMS PLANNING			
2.00	MASS TRANSIT SYSTEMS			
	2.01 MASS TRANSIT PROGRAM (SYSTEMS) MANAGEMENT			
	2.02 MASS TRANSIT FEASIBILITY & TECHNICAL STUDIES			
	2.03 MASS TRANSIT VEHICLE & PROPULSION STUDIES			
	2.04 MASS TRANSIT CONTROLS, COMMUNICATIONS, & INFORMATION SYSTEMS			
	2.05 GENERAL QUALITY ENGINEERING			
	2.06 MASS TRANSIT SAFETY CERTIFICATION FOR SYSTEM ELEMENTS			
3.00	HIGHWAY SYSTEMS			
	3.01 SITE DEVELOPMENT AND PARKING LOT DESIGN			
	3.02 HIGHWAY DESIGN			
	3.02A TUNNEL DESIGN			
	3.03 BRIDGE DESIGN			
	3.04 TRAFFIC ENGINEERING STUDIES			
	3.05 TRAFFIC COUNTS			
	3.06 TRAFFIC CALMING			
	3.07 TRAFFIC SIGNAL TIMING			
	3.08 INTELLIGENT TRANSPORTATION SYSTEMS ANALYSIS, DESIGN, AND IMPLEMENTATION			

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MDAD CONTRACTS ADMINISTRATION

	3.09 SIGNING, PAVEMENT MARKING, AND CHANNELIZATION			
	3.10 LIGHTING			
	3.11 SIGNALIZATION			
	3.12 UNDERWATER ENGINEERING INSPECTION			
4.00	AVIATION SYSTEMS			
	4.01 ENGINEERING DESIGN	10		10
	4.02 ARCHITECTURAL DESIGN			
5.00	PORT AND WATERWAY SYSTEMS			
	5.01 ENGINEERING DESIGN			
	5.02 ARCHITECTURAL DESIGN			
	5.03 CRUISE TERMINAL DESIGN			
	5.04 CRUISE TERMINAL EQUIPMENT DESIGN			
	5.05 CARGO TERMINAL DESIGN			
	5.06 CARGO TERMINAL EQUIPMENT DESIGN			
	5.07 SECURITY SYSTEMS			
	5.08 MARINE ENGINEERING DESIGN			
	5.09 ENVIRONMENTAL DESIGN			
	5.10 TRANSPORTATION SYSTEMS DESIGN			
	5.11 CONSTRUCTION MANAGEMENT			
6.00	WATER AND SANITARY SEWER SYSTEMS			
	6.01 WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS			
	6.02 MAJOR WATER AND SANITARY SEWAGE PUMPING FACILITIES			
	6.03 WATER AND SANITARY SEWAGE TREATMENT PLANTS			
7.00	SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS			
8.00	TELECOMMUNICATION SYSTEMS			
9.00	SOILS, FOUNDATIONS AND MATERIALS TESTING			
	9.01 DRILLING, SUBSURFACE INVESTIGATION AND SEISMOGRAPHIC SERVICES			
	9.02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES			
	9.03 CONCRETE AND ASPHALT TESTING SERVICES			
	9.04 NON-DESTRUCTIVE TESTING AND INSPECTIONS			
	9.05 ROOF TESTING AND CONSULTING			

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	9.06 MATERIALS TESTING/CONSULTING/TRAINING			
	INDUSTRIAL HYGIENE			
	ASBESTOS			
	AMBIENT AIR			
	BIO-HAZARDOUS			
	OSHA			
10.00	ENVIRONMENTAL ENGINEERING			
	10.01 STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES			
	10.02 GEOLOGY SERVICES			
	10.03 BIOLOGY SERVICES			
	10.04 CHEMISTRY SERVICES			
	10.05 CONTAMINATION ASSESSMENT AND MONITORING			
	10.06 REMEDIAL ACTION PLAN DESIGN			
	10.07 REMEDIAL ACTION PLAN IMPLEMENTATION/OPERATION/MAINTENANCE			
	10.08 PATHOGEN AND CONTAINMENT RISK ANALYSIS			
	10.09 WELLFIELD, GROUNDWATER, AND SURFACE WATER PROTECTION AND MANAGEMENT			
	10.10 COASTAL PROCESSES AND OCEAN ENGINEERING			
11.00	GENERAL STRUCTURAL ENGINEERING			
12.00	GENERAL MECHANICAL ENGINEERING	40	5	45
13.00	GENERAL ELECTRICAL ENGINEERING	20		20
14.00	ARCHITECTURE			
15.00	SURVEYING AND MAPPING			
	15.01 LAND SURVEYING			
	15.02 AERIAL PHOTOGRAMMETRY			
	15.03 UNDERGROUND UTILITY LOCATION			
	15.04 HYDROGRAPHIC SURVEYS			
16.00	GENERAL CIVIL ENGINEERING			
17.00	ENGINEERING CONSTRUCTION MANAGEMENT	20	5	25
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT			
19.00	VALUE ANALYSIS AND LIFE-CYCLE COSTING			
	19.02 MASS TRANSIT SYSTEMS			

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	19.03 HIGHWAY SYSTEMS			
	19.04 AVIATION SYSTEMS			
	19.05 PORT AND WATERWAY SYSTEMS			
	19.06 WATER AND SANITARY SYSTEMS			
	19.07 SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS			
	19.08 TELECOMMUNICATION SYSTEMS			
	19.09 SOILS, FOUNDATIONS, AND MATERIALS TESTING			
	19.10 ENVIRONMENTAL ENGINEERING			
	19.11 GENERAL STRUCTURAL ENGINEERING			
	19.12 GENERAL MECHANICAL ENGINEERING			
	19.13 GENERAL ELECTRICAL ENGINEERING			
	19.14 ARCHITECTURE			
	19.15 GENERAL CIVIL ENGINEERING			
	19.20 LANDSCAPE ARCHITECTURE			
20.00	LANDSCAPE ARCHITECTURE			
21.00	LAND USE PLANNING			
22.00	ADA TITLE II CONSULTANT			
23.00	AVIATION ACOLBTICAL AND LAND USE COMPATIBILITY PLANNING			
24.00	BUILDING PRODUCT EVALUATION SERVICES			
	24.01 PANEL WALLS			
	24.02 EXTERIOR DOORS			
	24.03 ROOFING PRODUCTS			
	24.04 SKYLIGHTS			
	24.05 WINDOWS			
	24.06 SHUTTERS			
	24.07 STRUCTURAL COMPONENTS			
25.00	AVIATION PLANNING CONSULTANT SERVICES			
26.00	CLAIMS ANALYSIS SERVICES			

\*Detailed descriptions of certification categories may be obtained from MDAD Contracts Administration.

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